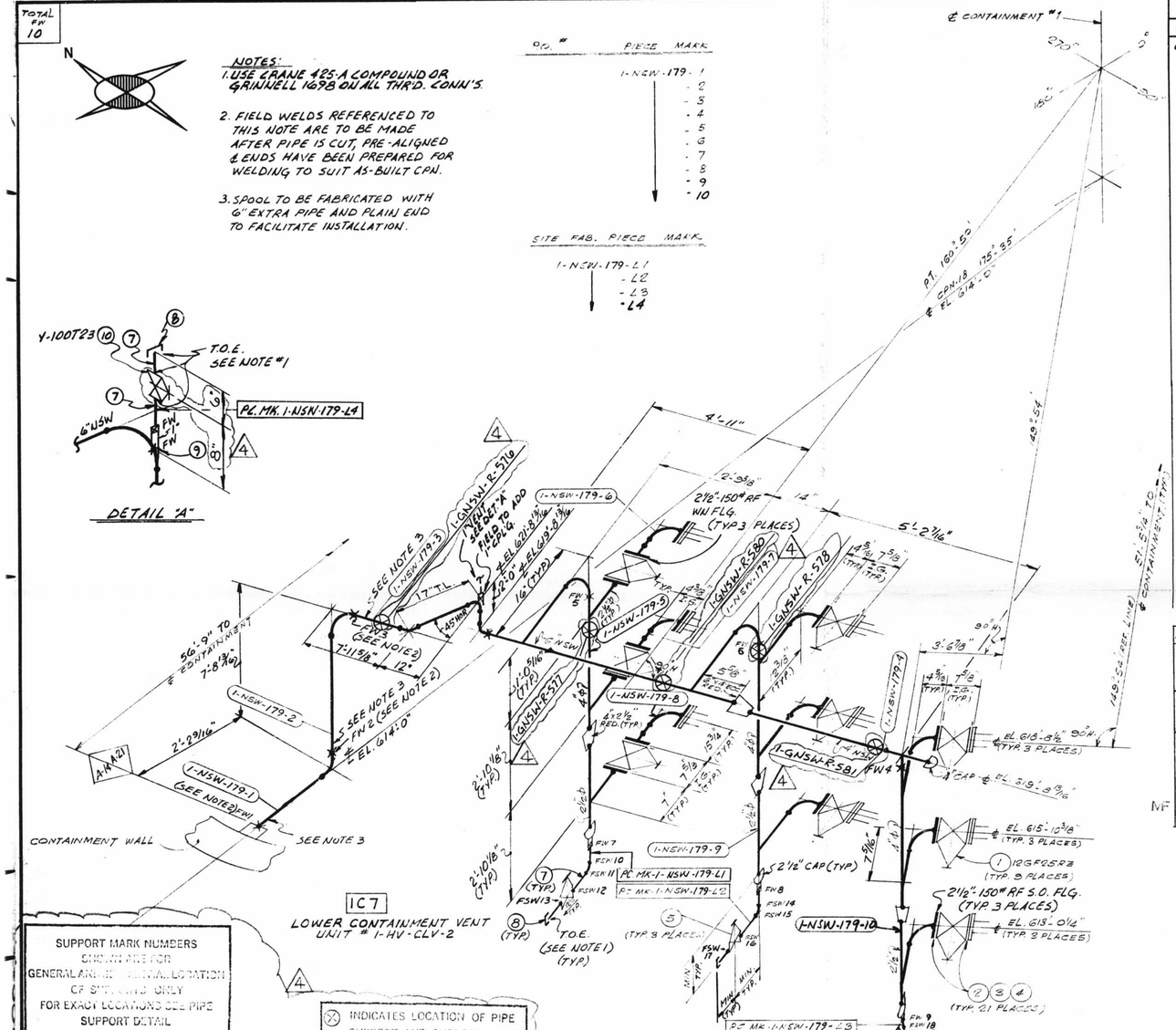
TOTAL FW 10

NOTES:
1. USE CRANE 425-A COMPOUND OR GRINNELL 1698 ON ALL THR'D. CONN'S.
2. FIELD WELDS REFERENCED TO THIS NOTE ARE TO BE MADE AFTER PIPE IS CUT, PRE-ALIGNED & ENDS HAVE BEEN PREPARED FOR WELDING TO SUIT AS-BUILT CPN.
3. SPOOL TO BE FABRICATED WITH 6" EXTRA PIPE AND PLAIN END TO FACILITATE INSTALLATION.

O.D. # — PIECE MARK
1-NSW-179-1, -2, -3, -4, -5, -6, -7, -8, -9, -10

SITE FAB. PIECE MARK
1-NSW-179-L1, -L2, -L3, -L4



SUPPORT MARK NUMBERS SHOWN ARE FOR GENERAL ARRANGEMENT & ORIENTATION OF SUPPORTS ONLY. FOR EXACT LOCATIONS SEE PIPE SUPPORT DETAIL

⊗ INDICATES LOCATION OF PIPE SUPPORT AND SUPPORT DETAIL NUMBER

SIZE	QUAN.	FW
6	22	3
4	20	3
2½	25	–
1	6	5

HANGER MARK Nº
1-GNSW-R-576
1-GNSW-R-577
1-GNSW-R-578
1-GNSW-R-580
1-GNSW-R-581

A-14 DESIGN SPEC. DCCPM 103QCN
HANGER SEISMIC CLASS I
TEST REQUIREMENTS QL-4
WELD PROCEDURE –
QSL-04 TESTING 100% RT, BW

A-21 DESIGN SPEC. DCCPM 102QCS
HANGER SEISMIC CLASS –
TEST REQUIREMENTS QL N/A
WELD PROCEDURE –
QSL-01 TESTING N/A

DESIGN SPEC.	SEE
HANGER SEISMIC CLASS	DESIGN
TEST REQUIREMENTS	CODE
MATERIAL CLASS	STAMP

K.P. = KORSING POINT; T.O.E. = THREAD ONE END; T.B.E. = THREAD BOTH ENDS; B.O.E. = BEVEL ONE END; T.O.P. = TOP OF PIPE ELEV; Q.S.L. = MATERIAL QUALITY REQUIREMENTS; T.L. = TRUE LENGTH

B.B.E. = BEVEL BOTH ENDS; P.O.E. = PLAIN ONE END; P.B.E. = PLAIN BOTH ENDS; S.O.E. = SHAPE ONE END; B.O.P. = BOTTOM OF PIPE ELEV.

FW = FIELD WELD; H = HORIZONTAL; V = VERTICAL; SW = SHOP WELD; FSW = FIELD SHOP WELD

F = FIELD WELD; O = AUTOMATIC SHOP WELD; M = MANUAL SHOP WELD; ■ = VERIFY DIMENSION IN FIELD

PIPE														
A-53		A-106 GR. B			A-376			A-312						
STD.	XY	XXY	10	20	30	40	60	80	100	120	140	160		
						X								
SMLS		WLDD												

FITTINGS		
A-105	A-234	A-182
A-403	A-181	

TESTING				
N.D.T. SEE DESIGN CODE STAMP.				
M.T.	P.T.	R.T.	U.T.	
PRESSURE TEST				
MED.	PRESS.	DURATION		

ADDITIONAL

POUR/ZONE No. 1C7
REQUIRED COMPLETION DATE
FABRICATED BY TAYLOR
FLOW DIAGRAM 1-5114A
Q.S.L. SEE DESIGN
WELD PROCEDURE CODE STAMP

NPS DESIGNS INC.
NEW YORK, N.Y.

LIVSEY & COMPANY, INC.
INDIANA & MICHIGAN ELECTRIC CO.
DONALD C. COOK NUCLEAR PLANT

FABRICATOR NOTE:
FABRICATION MUST CONFORM TO LATEST A.E.P. ARRGT. DWGS.

DWN. CG DATE 6/20/72 CONTAINMENT BLDG.
CKD. DB DATE 6/29
ISSUED
REF. DWG. 1-5592
DWG. NO. 1-NSW-179
REV. 4

ISO SHT. NO. 2675

QSL	ITEM	QTY	SIZE	MATERIAL DESCRIPTION	TAG No. OR ASTM MAT'L.	HEAT NO.
01	1	9	0⅛"	125# C.I. FLGD. GATE V.A.	C.G.E. U.S.A.	
	2	21	0.0	1/16" THK FULL FACE COMP. ASBESTOS BLACK BONDED GASKET		
	3	94	[illegible]	[illegible] HEX HD. MACH. BOLT	[illegible]	
	4	54	[illegible]	HEAVY HEX NUT [illegible]	[illegible]	
	5	3	1"	3000# C.S. [illegible]	[illegible]	
	6	5	1"	3000# C.S. S.W. 90° ELL	[illegible]	
	7	AS REQ'D		[illegible]	[illegible]	
	8	4	1"	3000# C.S. THD CAP	A-181 GR. I OR II	
	9	1	1"	3000# S.W. H. C. PLG. C.S.	A-181 GR. I OR II	
	10	1	1"	200# GLOBE V.A. SCRD. OR BRASS. BRONZE	Y-100T23	

REV.	DATE	DR. CHK.	DESCRIPTION	REMARKS
1	7/13/72	JQ / DB	CHGD FABRICATOR & ADDED PC MK 1-NSW-179-10 & VARIOUS DIMENSIONS AS NOTED.	— / FAB. ACTION REQ'D
2	7/26/72	A.S. / DB	REVISED CONFIGURATION OF PCS 1-NSW-179-1, 2 & 3 PER AEP ARRG'T DWG. 1-5692 REV. 4	— / FAB. ACTION REQ'D.
3	3/9/73	J.A. / I.F.	REVISED BY U.P.S. DESIGNS. ADDED 1-L PL'G TO PC. MK. 1-NSW-179-3, FW 5. FIELD NOTE 3 SHOWS FAB. PC. MK. 1-NSW-179-L4. DET. "A": B/UP ITEMS 3 & 10: REV. NOTE #1, QTY. OF B/M ITEM 8 WAS 3. PER AEP ARRG'T. DWG. 1-5692 REV. 5	FIELD ALT. ON REQ'D / —
NF 4	8/1/86	DKI / [illegible]	PER RFC-DC-12-7876 REV'D VENTS DIM'S & H.W. ORIENT ADDED SUPPORT MARK U.R.S. SUPERSEDED HGR. ISO 1-GNSN-179 ALL ABOVE TO REFLECT AS-BUILT CONDITIONS. PER UNIQUE Nº 002035.	NO FIELD ACTION REQ'D.

D-65

1-NSW-179
Lower Containment Ventilation
Unit 2 Supply Line